

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| S1    | 0    | "111582648"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2011/04/01<br>12:28 |
| S2    | 1    | "101582648"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2011/04/01<br>12:30 |
| S3    | 1    | "10582648"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2011/04/01<br>12:30 |
| S4    | 1    | ("2007/0123761").URPN.  | USPAT   | OR               | OFF     | 2011/04/01<br>12:31 |
| S5    | 16   | ("20020122621"  <br>"20030198456"  <br>"20070123761"  <br>"20070272669"  <br>"4275335"   "5098184"  <br>"5418583"   "5608472"  <br>"5822036"   "6361167"  <br>"6603134"   "6685317"  <br>"6729727"   "6921169"  <br>"6986591"   "7241014").<br>PN. OR ("7621638").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR               | OFF     | 2011/04/01<br>12:32 |
| S6    | 16   | ("20020122621"  <br>"20030198456"  <br>"20070123761"  <br>"20070272669"  <br>"4275335"   "5098184"  <br>"5418583"   "5608472"  <br>"5822036"   "6361167"  <br>"6603134"   "6685317"  <br>"6729727"   "6921169"  <br>"6986591"   "7241014").<br>PN.                      | US-PGPUB;<br>USPAT; USOCR   | OR               | OFF     | 2011/04/01<br>12:32 |
| S7    | 1    | "10870935"  | US-PGPUB;<br>USPAT; USOCR   | OR               | OFF     | 2011/04/01<br>13:10 |
| S8    | 3    | "11870935"  | US-PGPUB;<br>USPAT; USOCR   | OR               | OFF     | 2011/04/01<br>13:10 |

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| S9  | 1    | "11870935" and (depth thickness)  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/04/01<br>13:10 |
| S10 | 1    | "11870935" and humor  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/04/01<br>13:11 |
| S11 | 1    | ("20020122621"  <br>"20030198456"  <br>"20070123761"  <br>"20070272669"  <br>"4275335"   "5098184"  <br>"5418583"   "5608472"  <br>"5822036"   "6361167"  <br>"6603134"   "6685317"  <br>"6729727"   "6921169"  <br>"6986591"   "7241014").<br>PN. and (aqueous near1<br>humor) | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/04/01<br>13:12 |
| S12 | 1    | "6152875".pn.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/04/01<br>13:51 |
| S13 | 1    | "6152875".pn. and<br>(humor)  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/04/01<br>13:51 |
| S14 | 1    | "6152875".pn. and<br>(humor) and lens and eye<br>and glucose and index  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/04/01<br>13:52 |
| S15 | 4    | (600/309-344).ccls. and<br>axicon near1 lens  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/05<br>12:42 |
| S16 | 4183 | daly.in.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/05<br>13:28 |
| S17 | 3    | daly.in. and (600/309-344).<br>ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/05<br>13:28 |
| S18 | 1    | ("2007/0123761").URPN.  | USPAT   | OR | OFF | 2011/04/18<br>12:16 |

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| S19 | 16   | ("20020122621"  <br>"20030198456"  <br>"20070123761"  <br>"20070272669"  <br>"4275335"   "5098184"  <br>"5418583"   "5608472"  <br>"5822036"   "6361167"  <br>"6603134"   "6685317"  <br>"6729727"   "6921169"  <br>"6986591"   "7241014").<br>PN. | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/04/18<br>12:16 |
| S20 | 1036 | ((wavelength\$1 with<br>spread\$4 ) with (focal<br>near1 length)) (fresnel<br>near1 zone near1 plate)  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/04/18<br>13:39 |
| S21 | 3    | ((wavelength\$1 with<br>spread\$4 ) with (focal<br>near1 length)) and (fresnel<br>near1 zone near1 plate)  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/04/18<br>13:39 |
| S22 | 51   | ((wavelength\$1 with<br>spread\$4 ) with (focal<br>near1 length)) (fresnel<br>near1 zone near1 plate)<br>and ("600"/\$).ccls.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/04/18<br>13:41 |
| S23 | 2258 | daly.in.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/04/18<br>13:49 |
| S24 | 35   | ((wavelength\$1 with<br>spread\$4 ) with (focal<br>near1 length)) (fresnel<br>near1 zone near1 plate)<br>and daly.in.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/04/18<br>13:50 |
| S25 | 1    | ((wavelength\$1 with<br>spread\$4 ) with (focal<br>near1 length)) (fresnel<br>near1 zone near1 plate)<br>and daly.in.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/04/18<br>13:50 |
| S26 | 1    | ((wavelength\$1 with<br>spread\$4 ) with (focal<br>near1 length)) ) and daly.<br>in.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/04/18<br>13:51 |
| S27 | 1    | ((wavelength\$1 with<br>spread\$4 ) with (focal<br>near1 length)) ) and clark.<br>in.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/04/18<br>13:51 |
| S28 | 2    | "5582168".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/18<br>13:55 |

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| S29 | 2    | "6226089".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/18<br>13:58 |
| S30 | 0    | "6226089".pn. and focal\$1<br>with length                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/18<br>14:39 |
| S31 | 1    | "6226089".pn. and focal\$1<br>and length                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/18<br>14:39 |
| S32 | 3130 | extend\$4 with focal with<br>length                                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/18<br>14:41 |
| S33 | 44   | extend\$4 with focal with<br>length and ("600"/\$).ccls.              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/18<br>14:41 |
| S34 | 4564 | (beam light ) with spread<br>\$4 with element                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/18<br>14:55 |
| S35 | 199  | (beam light ) with spread<br>\$4 with element with focal              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/18<br>14:55 |
| S36 | 1    | (beam light ) with spread<br>\$4 with fresnel with zone<br>with plate | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/18<br>14:58 |

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| S37 | 17   | fresnel with zone with plate and ("600"/\$).ccls. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/18<br>14:59 |
| S38 | 88   | "6312393"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/18<br>15:27 |
| S39 | 2    | "6312393".pn.                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/18<br>15:27 |
| S40 | 2    | "6287262".pn.                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/19<br>10:52 |
| S41 | 2    | "10576718"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/27<br>11:52 |
| S42 | 1333 | (351/221).ccls.                                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/27<br>11:58 |
| S43 | 552  | (351/221).ccls. and focal                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/27<br>11:58 |
| S44 | 52   | (351/221).ccls. and focal<br>same extend\$4       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/27<br>11:59 |

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| S45 | 18 | (351/221).ccls. and focal<br>with extend\$4                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/27<br>11:59 |
| S46 | 20 | (351/221).ccls. and<br>(600/310-319).ccls.                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/27<br>12:02 |
| S47 | 5  | (351/221).ccls. and<br>(600/310-319).ccls. and<br>glucose              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/27<br>12:03 |
| S48 | 4  | (351/221).ccls. and<br>(600/310-319).ccls. and<br>index                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/27<br>12:04 |
| S49 | 7  | (351/221).ccls. and<br>(600/310-319).ccls. and<br>focal                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/27<br>12:04 |
| S50 | 6  | (351/221).ccls. and<br>(600/310-319).ccls. and<br>focal and wavelength | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/27<br>12:04 |
| S51 | 79 | "5785651"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/27<br>14:09 |
| S52 | 2  | "5785651".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/27<br>14:09 |

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| S53 | 2    | "6226089".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/27<br>14:13 |
| S54 | 106  | (600/318).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/27<br>14:21 |
| S55 | 0    | "10582648".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/27<br>14:31 |
| S56 | 4987 | light with spread\$4 with<br>element\$1  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/27<br>14:33 |
| S57 | 2383 | light with spread\$4 with<br>element\$1 and measur\$7  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/27<br>14:33 |
| S58 | 1517 | light with spread\$4 with<br>element\$1 and measur\$7<br>and wavelength\$1   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/27<br>14:33 |
| S59 | 0    | ("600"/\$).ccls. and<br>(351/221).ccls. and (light<br>with spread\$4 with element<br>\$1 and measur\$7 and<br>wavelength\$1) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/27<br>14:34 |
| S60 | 21   | ("600"/\$).ccls. and (light<br>with spread\$4 with element<br>\$1 and measur\$7 and<br>wavelength\$1)                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/27<br>14:35 |
| S61 | 1    | ("2007/0123761").URPN.   | USPAT   | OR | OFF | 2011/04/27<br>14:41 |

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| S62 | 2  | (351/221).ccls. and (light with spread\$4 with element \$1 and measur\$7 and wavelength\$1)                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/27<br>14:48 |
| S63 | 43 | (351/221).ccls. and (light with spread\$4 and measur \$7 and wavelength\$1)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/27<br>14:50 |
| S64 | 75 | (351/221).ccls. and fresnel   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/27<br>14:51 |
| S65 | 12 | apparent same (distance \$1 depth) same axicon  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/28<br>10:51 |
| S66 | 2  | "6382794".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/28<br>10:53 |
| S67 | 2  | "20020171804".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/28<br>10:55 |
| S68 | 2  | "6267477".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/28<br>10:56 |
| S69 | 2  | "6226089".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/28<br>10:57 |
| S70 | 32 | ("3958560"   "5243983"   "5535743"   "5553617"   "5666956"   "5835215"   "5885224"   "6152875"). PN. OR ("6226089").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/04/28<br>10:57 |



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| S71 | 68132 | apparent with (distance\$1<br>depth location\$1)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/28<br>11:02 |
| S72 | 24    | apparent with (distance\$1<br>depth location\$1) and<br>axicon  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/04/28<br>11:02 |
| S73 | 2     | "20020171804".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/07/06<br>12:02 |
| S74 | 2     | "6588903".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/07/06<br>12:02 |
| S75 | 8     | ("5359373"   "5512965"  <br>"5592246"   "5812240"  <br>"6142630"   "6193371").<br>PN. OR ("6588903").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/07/06<br>12:03 |
| S76 | 38    | ("0576896"   "3937562"  <br>"3972056"   "4009928"  <br>"4124275"   "4196970"  <br>"4270842"   "4666256"  <br>"4784479"   "4799784"  <br>"4943162"   "4976535"  <br>"5032020"   "5116115"  <br>"5171254"   "5245475"  <br>"5305148"   "5359373"  <br>"5361167"   "5418648"  <br>"5556417"   "5696633"  <br>"5757464"   "5760950"  <br>"5841590").PN. OR<br>("6142630").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/07/06<br>12:05 |
| S77 | 1     | "20030211625".pn.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/07/06<br>12:24 |
| S78 | 1     | "20030225321".pn.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/07/06<br>12:24 |
| S79 | 1     | "20030233036".pn.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/07/06<br>12:25 |
| S80 | 1     | "20040080759".pn.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/07/06<br>12:35 |
| S81 | 1     | "20040260159".pn.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/07/06<br>12:36 |

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|------|---|-------------------|---------------------------|----|-----|---------------------|
| S82  | 1 | "20040087843".pn. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>12:36 |
| S83  | 1 | "20040138539".pn. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>12:37 |
| S84  | 1 | "20040152963".pn. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>12:38 |
| S85  | 1 | "20040257585".pn. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>12:38 |
| S86  | 1 | "3958560".pn.     | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>12:39 |
| S87  | 1 | "3963019".pn.     | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>12:40 |
| S88  | 1 | "4014321".pn.     | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>12:45 |
| S89  | 1 | "4154114".pn.     | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>12:45 |
| S90  | 1 | "4407008".pn.     | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>12:46 |
| S91  | 1 | "4750830".pn.     | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>12:46 |
| S92  | 1 | "4806004".pn.     | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>12:46 |
| S93  | 1 | "5209231".pn.     | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>12:47 |
| S94  | 1 | "5433197".pn.     | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>12:47 |
| S95  | 1 | "5553617".pn.     | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>12:48 |
| S96  | 1 | "5582168".pn.     | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>12:49 |
| S97  | 1 | "5785651".pn.     | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>12:50 |
| S98  | 1 | "5820557".pn.     | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>13:07 |
| S99  | 1 | "5880465".pn.     | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>13:08 |
| S100 | 1 | "5961449".pn.     | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>13:08 |
| S101 | 1 | "6066847".pn.     | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>13:09 |

|      |     |   |                           |    |     |                     |
|------|-----|---|---------------------------|----|-----|---------------------|
| S102 | 108 | ("4407008"   "4585349"  <br>"4844617"   "4883061"  <br>"4965441"   "5083220"  <br>"5084612"   "5109276"  <br>"5117466"   "5120953"  <br>"5161052"   "5161053"  <br>"5165063"   "5192980"  <br>"5194918"   "5200819"  <br>"5200838"   "5208648"  <br>"5220403"   "5223715"  <br>"5225678"   "5239178"  <br>"5241364"   "5260569"  <br>"5283433"   "5296700"  <br>"5296703"   "5303709"  <br>"5306902"   "5307203"  <br>"5311021"   "5318047"  <br>"5329352"   "5355252"  <br>"5474066"   "5542422").<br>PN. OR ("5785651").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>13:17 |
| S103 | 1   | "5785651".pn.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>17:00 |
| S104 | 108 | ("4407008"   "4585349"  <br>"4844617"   "4883061"  <br>"4965441"   "5083220"  <br>"5084612"   "5109276"  <br>"5117466"   "5120953"  <br>"5161052"   "5161053"  <br>"5165063"   "5192980"  <br>"5194918"   "5200819"  <br>"5200838"   "5208648"  <br>"5220403"   "5223715"  <br>"5225678"   "5239178"  <br>"5241364"   "5260569"  <br>"5283433"   "5296700"  <br>"5296703"   "5303709"  <br>"5306902"   "5307203"  <br>"5311021"   "5318047"  <br>"5329352"   "5355252"  <br>"5474066"   "5542422").<br>PN. OR ("5785651").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>17:01 |
| S105 | 4   | (351/221).ccls. and axicon<br>with lens   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>17:11 |
| S106 | 215 | axicon with lens and eye  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>17:15 |
| S107 | 28  | axicon with lens and eye<br>and monochromatic   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>17:15 |
| S108 | 198 | axicon with lens and eye<br>and (depth thickness<br>distance)   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>17:18 |
| S109 | 140 | axicon with lens and eye<br>and (depth thickness<br>distance) and refractive  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/06<br>17:18 |

|      |    |  |   |    |     |                     |
|------|----|--|---|----|-----|---------------------|
| S110 | 67 | axicon with lens and eye and (depth thickness distance) and refractive with index  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/07/06<br>17:19 |
| S111 | 26 | axicon near2 lens and eye and (depth thickness distance) and refractive with index | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/07/06<br>17:19 |
| S112 | 39 | axicon adj lens and eye and focal  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/07/06<br>17:28 |
| S113 | 41 | "6,438,396"  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/07/06<br>17:47 |
| S114 | 41 | "6438396"  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/07/06<br>17:47 |
| S115 | 1  | "6438396".pn.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2011/07/06<br>17:47 |
| S116 | 0  | "558218".pn. and wavelenghts   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/07/07<br>11:14 |
| S117 | 0  | "558218".pn. and wavelenght  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/07/07<br>11:14 |
| S118 | 0  | "5582168".pn. and wavelenght   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/07/07<br>11:15 |
| S119 | 0  | "5582168".pn. and wavelenghts  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/07/07<br>11:15 |
| S120 | 0  | "5582168".pn. and wavelenght\$1  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/07/07<br>11:15 |
| S121 | 2  | "5582168".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/07/07<br>11:15 |

|      |      |   |   |    |     |                     |
|------|------|---|---|----|-----|---------------------|
| S122 | 1    | "5582168".pn. and two   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/07/07<br>11:18 |
| S123 | 3    | (356/124-125).ccls. and<br>axicon                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/07/28<br>09:56 |
| S124 | 2    | "6295122".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/07/28<br>09:57 |
| S125 | 1059 | (356/124-125).ccls. and<br>(distance thickness)                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/07/28<br>09:58 |
| S126 | 59   | (356/124-125).ccls. and<br>(distance thickness) and<br>(axicon conical) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/07/28<br>09:58 |
| S127 | 68   | (356/124-125).ccls. and<br>cornea                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/07/28<br>10:01 |
| S128 | 59   | (356/124-125).ccls. and<br>(distance thickness) and<br>cornea           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2011/07/28<br>10:01 |

|      |       |   |                           |    |     |                     |
|------|-------|---|---------------------------|----|-----|---------------------|
| S129 | 34    | ("4490039"   "4518854"  <br>"4725138"   "4737621"  <br>"5120128"   "5164578"  <br>"5177511"   "5233174"  <br>"5258791"   "5396364"  <br>"5455645"   "5557352"  <br>"5629765"   "5662401"  <br>"5684561"   "5696371"  <br>"5777719"   "5785704"  <br>"5873832"   "5875019"  <br>"5912731"   "5949521"  <br>"5953101"   "6004313"  <br>"6007204"   "6199986"  <br>"6271914"   "6338559"  <br>"H000615").PN. OR<br>("6486943").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/28<br>10:04 |
| S130 | 1     | "5961449".pn.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/28<br>10:06 |
| S131 | 46    | ("3958560"   "5025758"  <br>"5209231"   "5433197"  <br>"5459570"   "5535743"  <br>"5553617").PN. OR<br>("5961449").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/28<br>10:06 |
| S132 | 1392  | (monochromatic with light<br>with focus\$4)   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/28<br>10:12 |
| S133 | 8     | (monochromatic with light<br>with focus\$4) and<br>(356/124-125).ccls.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/28<br>10:12 |
| S134 | 17    | (monochromatic with light<br>with focus\$4) and<br>((extending extended<br>extend) with focal) and<br>eye   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/07/28<br>10:20 |
| S135 | 2298  | daly.in.  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/07/28<br>10:24 |
| S136 | 139   | Daniel with daly.in. or<br>Graeme with clark.in.  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/07/28<br>10:25 |
| S137 | 33    | Daniel with john with daly.<br>in. or Graeme with clark.<br>in.   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/07/28<br>10:26 |
| S138 | 56    | ("351").clas. and (356/124-<br>125).ccls. and eye   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/07/28<br>10:29 |
| S139 | 37    | ("351").clas. and (356/124-<br>125).ccls. and eye and<br>focus  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/07/28<br>10:29 |
| S140 | 28247 | ("351").clas. or (356/124-<br>125).ccls. and eye and<br>focus and extend  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/07/28<br>10:36 |
| S141 | 1881  | ((("351").clas. or (356/124-<br>125).ccls.) and eye and<br>focus and extend   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/07/28<br>10:36 |

|      |       |   |                           |    |     |                     |
|------|-------|---|---------------------------|----|-----|---------------------|
| S142 | 5     | ((("351").clas. or (356/124-125).ccls.) and eye and focus and extend and axicon | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/07/28<br>10:36 |
| S143 | 0     | focus with light with axicon  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/07/28<br>10:46 |
| S144 | 51    | focus with light with axicon  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/07/28<br>10:46 |
| S145 | 29    | focus with light with axicon and eye  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/07/28<br>10:49 |
| S146 | 241   | toida.in.   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/07/28<br>10:57 |
| S147 | 35649 | masahiro withtoida.in.  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/07/28<br>10:57 |
| S148 | 61    | masahiro with toida.in.   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/07/28<br>10:57 |
| S149 | 11118 | apparent with depth   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/07/28<br>11:09 |
| S150 | 87    | apparent with depth and (expanded extended ) with focal                         | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/07/28<br>11:09 |
| S151 | 10677 | focal with extend\$4  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/07/28<br>11:25 |
| S152 | 2290  | S151 and eye  | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/07/28<br>11:26 |
| S153 | 1934  | S152 and lens   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/07/28<br>11:26 |
| S154 | 15    | S153 and axicon   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2011/07/28<br>11:26 |
| S155 | 58    | ("4729372"   "4865441"   "4884884"   "4887592"). PN. OR ("5152759").URPN.       | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/07/28<br>11:37 |

### EAST Search History (I nterference)

| Ref # | Hits | Search Query  | DBs            | Default Operator | Plurals | Time Stamp       |
|-------|------|---|----------------|------------------|---------|------------------|
| L1    | 118  | (monochromatic with light with focus\$4.clm.)   | USPAT;<br>UPAD | OR               | OFF     | 2011/07/29 10:02 |
| L2    | 118  | (monochromatic with light with focus\$4).clm.   | USPAT;<br>UPAD | OR               | OFF     | 2011/07/29 10:02 |
| L3    | 21   | (monochromatic with light with focus\$4 same (locations plurality measurements)).clm.             | USPAT;<br>UPAD | OR               | OFF     | 2011/07/29 10:03 |
| L4    | 90   | (monochromatic with light with focus\$4).clm. and ((apparent adj depth) or distance or thickness) | USPAT;<br>UPAD | OR               | OFF     | 2011/07/29 10:04 |

|    |    |   |                |    |     |                  |
|----|----|---|----------------|----|-----|------------------|
| L5 | 52 | (monochromatic with light with focus\$4).clm. and ((apparent adj depth) or distance or thickness) and (extend\$3 or expand\$3)            | USPAT;<br>UPAD | OR | OFF | 2011/07/29 10:04 |
| L6 | 11 | (monochromatic with light with focus\$4).clm. and ((apparent adj depth) or distance or thickness) and (extend\$3 or expand\$3) same focal | USPAT;<br>UPAD | OR | OFF | 2011/07/29 10:06 |

**7/ 29/ 2011 10:13:51 AM****C:\ Documents and Settings\ mfardanesh\ Desktop\ EAS\ 10582648.wsp**